

## CLAIMS

What is claimed is:

1. A remote radio receiver comprising:  
audio circuitry for receiving a digital audio stream and playing extracted audio  
5 signals over a speaker;  
a user selection interface;  
user control circuitry that generates control signals as a result of a user interacting  
with the user selection interface; and,  
input/output interface for providing connection to a remote computer, wherein the  
10 input/output interface forwards the digital audio stream from the remote computer to the  
audio circuitry, and wherein the input/output interface forwards the control signals from  
the user control circuitry to the remote computer.

2. A remote radio receiver as in claim 1 wherein the audio circuitry comprises:  
15 a digital to analog converter for receiving the digital audio stream and converting  
the digital audio stream to an analog audio stream; and,  
an amplifier for amplifying the analog audio stream.

3. A remote radio receiver as in claim 1 wherein the user selection interface  
20 comprises:  
a volume control; and,  
a station selection control.

4. A remote radio receiver as in claim 1 additionally comprising:  
25 a display for displaying a selected radio station.

5. A remote radio receiver as in claim 1 wherein the user control circuitry  
comprises a signal encoder.

6. A remote radio receiver as in claim 1 wherein the user control circuitry  
30 comprises a processor and a memory.

7. A remote radio receiver as in claim 1 additionally comprising:  
a display for displaying a selected radio station;  
wherein the user control circuitry comprises a processor and a memory; and,  
wherein identification information for the selected radio station is stored in the  
5 memory.

8. A remote radio receiver as in claim 7 wherein identification information for  
additional radio stations is stored in the memory.

10 9. A method for providing remote radio reception comprising the following steps  
performed by a single integrated unit:

- (a) receiving a digital audio stream and playing extracted audio signals over a  
speaker;  
(b) generating control signals as a result of a user interacting with a user selection  
15 interface; and,  
(c) providing connection to a remote computer, including the following substeps:  
(c.1) receiving the digital audio stream from the remote computer, and  
(c.2) forwarding the control signals to the remote computer.

20 10. A method as in claim 9 wherein step (a) includes the following substeps:  
(a.1) receiving the digital audio stream and converting the digital audio stream to  
an analog audio stream; and,  
(a.2) amplifying the analog audio stream.

25 11. A method as in claim 9 wherein in step (b) the user selection interface  
includes a volume control and a station selection control.

12. A method as in claim 9 additionally comprising the following step:  
(d) displaying a selected radio station.

30 13. A method as in claim 9 wherein step (b) is performed by a signal encoder.

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(d) a display for displaying a selected radio station; and,

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(f) storing identification information for additional radio stations in the memory.

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